

Illinois Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62

217/782-0610

Arrow Gear Company
Downers Grove, Illinois, DuPage County
NPDES Permit No. IL0038016
Final Permit

MAR 01 1979

Arrow Gear Company
2301 Curtiss Street
Downers Grove, Illinois 60515

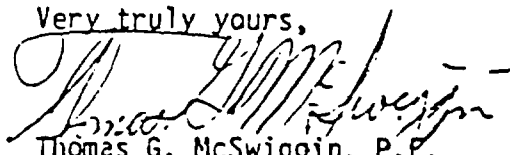
Gentlemen:

Attached is the final NPDES Permit for your discharge. The Permit as issued covers discharge limitations, monitoring, and reporting requirements. The failure of you to meet any portion of the Permit could result in civil and/or criminal penalties. The Illinois Environmental Protection Agency is ready and willing to assist you in interpreting any of the conditions of the Permit as they relate specifically to your discharge.

The Permit as issued is effective as of the date indicated on the first page of the Permit. You have the right to appeal any condition of the Permit to the Illinois Pollution Control Board prior to the effective date.

Should you have questions concerning the Permit, please contact Mark A. Schollenberger at the telephone number indicated above.

Very truly yours,


Thomas G. McSwiggin, P.E.
Manager, Permit Section
Division of Water Pollution Control

TGM:REB:MAS:rd/sp6192a

Enclosure: Final Permit

cc: USEPA/With Enclosure
Region II/With Enclosure
Permit Section
Records Unit

RECEIVED

MAR 5 1979

ARROW GEAR CO.

Rick Pinco

782-1696



TRUST ME
I'M THE BOSS

NPDES Permit No. IL0038016

Illinois Environmental Protection Agency

Division of Water Pollution Control

2200 Churchill Road

Springfield, Illinois 62706

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date: December 31, 1983

Issue Date: March 1, 1979
Effective Date: March 31, 1979

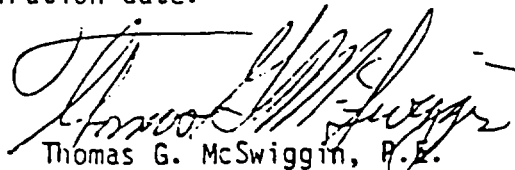
Permittee: Arrow Gear Company

Facility Name and Address: Arrow Gear Company, 2301 Curtiss Street,
Downers Grove, Illinois, DuPage County

Receiving Waters: St. Joseph Creek, tributary to the East
Branch of the DuPage River

In compliance with the provisions of the Illinois Environmental Protection Act, the Chapter 3 Rules and Regulations of the Illinois Pollution Control Board, and the FWPCA, the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.



Thomas G. McSwiggin, P.E.
Manager, Permit Section
Division of Water Pollution Control

TGM:REB:MAS:rd/sp5192a

NPDES Permit No. IL0038016

ATTACHMENT B

Effluent Limitations and Monitoring

Discharge Number(s): 001

Discharge Name(s): Non-Contact Cooling Water

From effective date of permit until December 31, 1983, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

PARAMETER	CONCENTRATION LIMITS mg/l			LOAD LIMITS lbs/day (Kg/day)			SAMPLE FREQUENCY	SAMPL TYPE
	30 DAY AVG.	7 DAY AVG.	DAILY MAX.	30 DAY AVG.	7 DAY AVG.	DAILY MAX.		
Flow (MGD)							Measure When Monitoring	
Temperature	See Attachment B Continued						Monthly	Grab

ATTACHMENT B CONTINUED

1. The pH shall be in the range 6.0 to 9.0.
2. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge but prior to entry into St. Joseph Creek.
3. For the purpose of this permit, this discharge is limited to non-contact cooling, free from process and other wastewater discharges. In the event that the permittee shall require the use of water treatment additives, the permittee must request a change in this permit in accordance with the Standard Conditions - Attachment H.
4. Discharge of wastewater from this facility must not alone or in combination with other sources cause the receiving stream to violate the following thermal limitations at the edge of the mixing zone which is defined by Rule 201(a), Illinois Pollution Control Board Rules and Regulations, Chapter 3: Water Pollution, as amended:
 - A. Maximum temperature rise above natural temperature must not exceed 50F (2.780C).
 - B. Water temperature at representative locations in the main river shall not exceed the maximum limits in the following table during more than one (1) percent of the hours in the 12-month period ending with any month. Moreover, at no time shall the water temperature at such locations exceed the maximum limits in the following table by more than 30F (1.670C). (Main river temperatures are temperatures of those portions of the river essentially similar to and following the same thermal regime as the temperatures of the main flow of the river.)

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
0F	60	60	60	90	90	90	90	90	90	90	90	60
0C	15.6	15.6	15.6	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	15.6

5. The permittee shall record monitoring results on Discharge Monitoring Report Forms using one such form for each discharge each month.

NPDES Permit No. IL0038016

ATTACHMENT B CONTINUED

Discharge Monitoring Reports shall be mailed to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
2200 Churchill Road
Springfield, Illinois 62706

Attention: NPDES Unit (DMR)

6. The completed Discharge Monitoring Report forms shall be retained by the permittee for a period of six months and then shall be mailed and received by the IEPA in accordance with the following schedule, unless otherwise specified by the permitting authority.

Period

Received by IEPA

January, February, March, April,
May, June

July 15

July, August, September,
October, November, December

January 15